

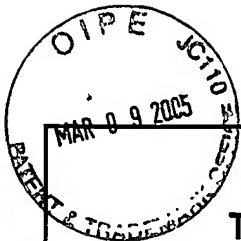
2815 \$
fsw

TRANSMITTAL FORM	Application Number	10/074,732	
	Filing Date	February 13, 2002	
	First Named Inventor	Leo Mathew et al.	
	Group Art Unit	2815	
	Examiner Name	Paul E. Brock II	
Total Number of Pages in this Submission	7	Attorney Docket Number	SC11805TP

ENCLOSURES		(check all that apply)
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-Related papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter with appropriate copies
<input type="checkbox"/> Extension of time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Response to Restriction Requirement
<input checked="" type="checkbox"/> Information Disclosure Statement, PTO/SB/08 & References DA-DM	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Associate Power of Attorney
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> RCE
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	<input checked="" type="checkbox"/> Return Postal Card
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual	Robert L. King	Registration No.	30,185
Signature	<i>Robert L. King</i>		
Date	<i>March 3, 2005</i>		

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date listed below:			
Typed or printed name	Pat Thomas		
Signature	<i>Pat Thomas</i>	Date	<i>3-3-05</i>



**FEE
TRANSMITTAL**

Patent fees are subject to annual revision

Complete if Known

Application Number	10/074,732
Filing Date	February 13, 2002
First Named Inventor	Leo Mathew et al.
Examiner Name	Paul E. Brock II
Group Art Unit	2815
Attorney Docket No.	SC11805TP

TOTAL AMOUNT OF PAYMENT (\$)**180**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

503079

Deposit Account Name

Freescale Semiconductor, Inc.

- ☒ Charge Any Additional Fee required under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)		Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

	Previously Paid**	Extra Claims	Fee from below	Fee Paid
Total Claims	<input type="text"/> - 20	= <input type="text"/> X 18	= <input type="text"/>	
Independent Claims	<input type="text"/> - 3	= <input type="text"/> X 84	= <input type="text"/>	
Multiple Dependent			280	= <input type="text"/>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	* Reissue independent claims over original patent
1205	18	2205	9	* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.

*For Reissues, see above

SUBMITTED BY

Name (Print/Type) **Robert L. King**

Signature

Robert L. King

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description
Fee	Code	Fee	Code	
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late Provisional filing
1053	130	1053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte Reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1450	2254	725	Extension for reply within fourth month
1255	1970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1300	2453	650	Petition to revive - unintentional
1501	1300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of IDS
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify) _____

* Reduced by Basic Filing Fee paid **SUBTOTAL (3) (\$)** **180**

Complete (if applicable)

Registration No. **30,185** Telephone **(512) 996-6839**

Date: **3/3/05**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Leo Mathew et al. Group Art Unit: 2815
Application No.: 10/074,732 Examiner: Paul E. Brock II
Date Filed: February 13, 2002 Docket No.: SC11805TP
Title: METHOD OF FORMING A VERTICAL DOUBLE GATE SEMICONDUCTOR DEVICE
AND STRUCTURE THEREOF

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS, ALEXANDRIA, VA, 22313 ON: 3-3-05

Date of Deposit

FREESCALE SEMICONDUCTOR, INC.

Name of Assignee

Pat Thomas

Printed Name of Person Signing Certificate

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office. The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. See 37 CFR 1.491(b).

I. COPIES

- a. ☒ A legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
b. ☐ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
c. ☐ The following additional information is provided for the Examiner's consideration:

III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)

03/10/2005 DEMMANU1 00000049 503079 10074732

01 FC:1806 180.00 DA

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

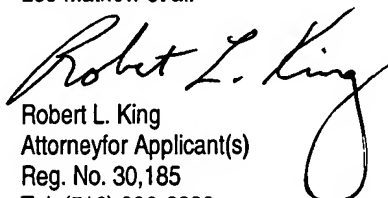
FEES

- IV. ☐ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b):** (check one box)
- a. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
- c. ☐ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
- d. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- V. ☐ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c):** (check one box)
before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
- a. ☐ No statement; therefore, charge Deposit Account **503079, Freescale Semiconductor, Inc.** the fee set forth in 37 C.F.R. §1.17(p).
- b. ☐ See the statement below. No fee is required.
- VI. ☒ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):**
on or before payment of the issue fee and is accompanied by the following:
- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
- 2) charge Deposit Account **503079, Freescale Semiconductor, Inc.** the petition fee set forth in §1.17(p).
- VII. ☐ **STATEMENT UNDER 37 C.F.R. §1.97(e)** (check only one box, if applicable)
The undersigned hereby states that
- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b. ☒ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
- VIII. **PAYMENT OF FEES**
- ☐ A check in the amount of _____ is enclosed for the above-identified fee(s).
- ☒ Please charge Deposit Account No. **503079, Freescale Semiconductor, Inc.** in the amount of \$180.00 for the above-indicated fee(s).
- ☐ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account **503079, Freescale Semiconductor, Inc.**
- ☐ Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. **503079, Freescale Semiconductor, Inc.**

Respectfully submitted,
Leo Mathew et al.


Robert L. King
Attorney for Applicant(s)
Reg. No. 30,185
Tel. (512) 996-6839

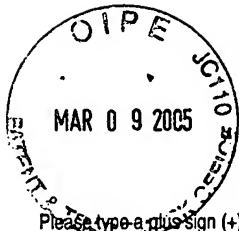
FREESCALE SEMICONDUCTOR, INC.

Customer Number 23125

Enclosures:

☒
☒
☐

PTO/SB/08
References DA-DM
Other:



☒ X

Please type a plus sign (+) inside this box.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/074,732	
			Filing Date	February 13, 2002	
			First Named Inventor	Leo Mathew et al.	
			Group Art Unit	2815	
			Examiner Name	Paul E. Brock II	
Sheet	1	of	1	Attorney Docket Number	SC11805TP

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	DA	6,689,650	B2	Gambino et al.	02-10-2004	
	DB	6,583,469	B1	Fried et al.	06-24-2003	
	DC	2003/0113970	A1	Fried et al.	06-19-2003	
	DD	6,566,682	B2	Forbes	05-20-2003	
	DE	6,531,350	B2	Satoh et al.	03-11-2003	
	DF	6,472,258	B1	Adkisson et al.	10-29-2002	
	DG	6,458,662	B1	Yu	10-01-2002	
	DH	6,433,609	B1	Voldman	08-13-2002	
	DI	6,424,001	B1	Forbes et al.	07-23-2002	
	DJ	6,414,356	B1	Forbes et al.	07-02-2002	
	DK	6,413,802	B1	Hu et al.	07-02-2002	
	DL	6,396,108	B1	Krivolapic et al.	05-28-2002	
	DM	6,355,961	B1	Forbes	03-12-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Office ³	Number 4	Kind Code ² (if known)				
				</				

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.